



DEVELOPMENT SERVICES DEPARTMENT  
ENVIRONMENTAL COORDINATOR  
450 110<sup>th</sup> Ave NE., P.O. BOX 90012  
BELLEVUE, WA 98009-9012

### **OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS**

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

File No. 19-131636-LO

Project Name/Address: COB Parks Coal Creek Trail Addition at 5199 Forest Dr. SE

Planner: Reilly Pittman

Phone Number: 425-452-4350

**Minimum Comment Period:** March 5, 2020

Materials included in this Notice:

- ☒ Blue Bulletin
- ☒ Checklist
- ☒ Vicinity Map
- ☒ Plans
- ☐ Other:

#### **OTHERS TO RECEIVE THIS DOCUMENT:**

- ☒ State Department of Fish and Wildlife
- ☒ State Department of Ecology, Shoreline Planner N.W. Region
- ☒ Army Corps of Engineers
- ☒ Attorney General
- ☒ Muckleshoot Indian Tribe

## Coal Creek Trail Addition Project Description

10/24/19

The proposed Coal Creek Trail Addition will be part of the Coal Creek Natural Area trail network. These trails provide passive recreation for hikers, runners, bird watchers, families and environmental education school groups. The soft-surface trail would not be ADA accessible due to grade restrictions. Other similar accessible facilities are located nearby. This new trail will provide an off-road connection to the existing trails and will improve local connections between neighborhood and provide an alternative to driving from one place to another.

Hand-built log trail surface retaining edge and a Wood Structure trail foot bridge are proposed for areas where the trail will need to cross critical environmental areas; e.g. stream and steep slopes. A Coal Creek Style Western Wood Structure glulam foot bridge will cross a tributary of Coal Creek. This natural wood foot bridge will add to the scenic experience for trail users. The proposed trail is intended to safely accommodate pedestrians, runners, and other non-motorized users. It would be designed to meet the needs of different ages and skill levels within those groups. The trail would provide access to recreation, provide opportunities to experience the natural environment, encourage physical activity and connect to other existing trails and pedestrian facilities.

The project includes:

- Construction of an 840 lineal foot by 4-foot-wide soft-surfaced (wood chip) trail.
- Minor general grading to be minimized by field layout and trail will follow existing social trails following contours, avoiding steep slopes and sensitive areas. All native vegetation in trail tread will be replanted on site. All trees will be preserved. All trail work will be carried out using simple hand tools.
- A small Western Wood Structure Coal Creek style bridge will be installed to cross the creek.
- Hand-built log trail surface retaining edge in some places to reduce the cut-and-fill needed for the trail;
- Hand built set of timber stairs for pedestrian use.
- Other access and traffic control features (bollards, signage, etc.)
- Forest management including removal of invasive species and native enhancement plantings along with a minimum of 5 years of restoration site maintenance and monitoring.

Once complete the proposed trail would:

- Help satisfy the regional need for recreational trails and provide safe recreational and educational opportunities to a wide variety of trail users;
- Provide a trail to access more of Coal Creek Natural Area for trail users to enjoy and explore nature.
- Provide economic and health benefits to adjacent neighborhoods and the community.

## CRITICAL AREAS LAND USE PERMIT "Footnote A" Responses

October 24<sup>th</sup> 2019

- *A description of the project site, including landscape features, existing development, and site history as applicable.*

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Hand-built log trail surface retaining edge and a Wood Structure trail foot bridge are proposed for areas where the trail will need to cross critical environmental areas; e.g. stream and steep slopes. A Coal Creek Style Western Wood Structure glulam foot bridge will cross a tributary of Coal Creek. This natural wood foot bridge will add to the scenic experience for trail users. The proposed trail is intended to safely accommodate pedestrians, runners, and other non-motorized users. It would be designed to meet the needs of different ages and skill levels within those groups. The trail would provide access to recreation, provide opportunities to experience the natural environment, encourage physical activity and connect to other existing trails and pedestrian facilities.

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*• A description of how the design constitutes the minimum necessary impact to the critical area.*

Critical areas on the site primarily consist of steep slopes and riparian stream corridor. As slopes of excessive steepness are not compatible with walking trails, every effort will be made to locate the trail parallel to contours and to take advantage of existing social trails, deer paths and natural clearings. The stream (Coal Creek Tributary classified as type F) will be crossed by a small Western Wood Structure Coal Creek style wooden foot bridge. Crossing will be perpendicular to the stream channel. A part of the trail will be constructed within the 100-foot stream buffer.

Hand-building techniques will reduce the construction impact of the project. Except at trailheads, materials will be hand-carried or transported by motorized wheelbarrows to avoid erosion of the pathways or unintended intrusions into sensitive areas. Minor grading will be accomplished with hand tools. Herbaceous native plants in new trail grade will be transplanted alongside of trail. Restorations for impacted areas will be installed and maintained as part of this project.

Hand-built log trail surface retaining edge and a Wood Structure trail foot bridge are proposed for areas where the trail will need to cross critical environmental areas; e.g. stream and steep slopes. A Coal Creek Style Western Wood Structure glulam foot bridge will cross a tributary of Coal Creek. This natural wood foot bridge will add to the scenic experience for trail users. The proposed trail is intended to safely accommodate pedestrians, runners, and other non-motorized users. It would be designed to meet the needs of different ages and skill levels within those groups. The trail would provide access to recreation, provide opportunities to experience the natural environment, encourage physical activity and connect to other existing trails and pedestrian facilities.

*• A description of why there is no feasible alternative with less impact to the critical area, critical area buffer, or critical area structure setback.*

The site consists primarily of slopes in the 10% - 40% range and a 100-foot stream buffer. There is no practical way to layout the pathway or otherwise utilize the site without crossing the protected slopes or their setbacks as well as the 100-foot stream buffer. The proposed project will limit site disturbance to approximately 3.6% of the site which is consistent with the City's policy of allowing minimum reasonable use of the site.

The trail will be composed of naturally-occurring pervious materials that will not contribute to runoff of contaminate the soils in any way.

*• A description of alternatives considered and why the alternative selected is preferred.*

No other development scenario was contemplated however the following trail development methods were rejected as too obtrusive to the site or contrary to the Parks Department's Natural Areas Development Policies.

Hard-paved trails were not considered due to the necessity of motorized equipment to grade the paving bed. Clearing and grading equipment, asphalt spreaders and compactors or methods of transporting cementitious concrete would require a minimum of eight-feet of trail width. Wheeled and/or tracked equipment would also necessitate grading tolerances (transitional slopes) that would cause construction-related and permanent drainage impacts. Furthermore paved surfaces would require stormwater and conveyance and retention that would affect runoff.

Vehicle access and accessible surfaces and grades were rejected for this site because of the impacts discussed above.

Active use areas (formal picnic areas, play areas, dog parks) were rejected because of existing slopes, the potential for impacting the wetlands to the west of the site, incompatible slopes, and lack of data on soil stability.

• *A summary of how the proposal meets each of the decision criteria contained in Land Use Code Section 20.30P.*

*20.30P.140 Decision criteria:*

*A. The proposal obtains all other permits required by the Land Use Code;*

Response: the proposal requires a Critical Areas Land Use Permit and is not subject to any other permit per the City of Bellevue

*B. The proposal utilizes to the maximum extent possible the best available construction, design and development techniques which result in the least impact on the critical area and critical area buffer; and*

Response: All applicable Best Management Practices will be required and observed in the development of the project.

*C. The proposal incorporates the performance standards of Part [20.25H](#) LUC to the maximum extent applicable; and*

The proposal will comply with all submittal requirements including identification and protection of steep slopes, unstable soils, sensitive natural areas and controlling stormwater runoff.

*D. The proposal will be served by adequate public facilities including streets, fire protection, and utilities; and*

Response: No public utilities will be required as a result of the proposed development. Trailheads will be located in areas convenient to park users and without causing disturbance to any surface pedestrian or vehicle conveyance.

*E. The proposal includes a mitigation or restoration plan consistent with the requirements of LUC [20.25H.210](#); except that a proposal to modify or remove vegetation pursuant to an approved Vegetation Management Plan under LUC 20.25H.055.C.3.i shall not require a mitigation or restoration plan; and*

Response: A vegetation enhancement plan has been submitted with this proposal. It will be implemented, maintained and monitored by the City of Bellevue Parks Natural Resources Division.

*F. The proposal complies with other applicable requirements of this code. (Ord. [5683](#), 6-26-06, § 27).*

Response: The proposal is in compliance with Ordinance 5683 in the following areas:

- Protecting environmentally sensitive areas
- Protecting and enhancing neighborhoods,
- Acquisition and protection of environmentally sensitive areas,
- Promoting stormwater control by leaving approximately 97% of the site undeveloped, and
- Does not violate other provisions of the Ordinance.

• *A summary of how the proposal meets each of the criteria and performance standards contained in Land Use Code Section 20.25H associated with the critical area you are modifying.*

*20.25H.055 Uses and development allowed within critical areas 3.g.i. New and Expanded City and Public Parks.*



i. *Trails. New non-motorized trails within the critical area or critical area buffer must meet following standards:*

(A) *Trail location and design shall result in the least impacts on the critical area or critical area buffer;* Response: Trails shall be located as described above to best avoid sensitive areas.

(B) *Trails shall be designed to complement and enhance the environmental, educational, and social functions and values of the critical area with trail design and construction focused on managing and controlling public access and limiting uncontrolled access;* Response: Interpretive and directional signage will complement the mission of the City's Natural Resources Enhancement and Education policies. These policies include directing park visitors towards educational opportunities and instructing them not only to avoid entering/damaging sensitive areas but why they are important.

(C) *Trails shall be designed to avoid disturbance of significant trees and to limit disturbance of native understory vegetation;* Response: The root zones of sensitive and significant trees will not be disturbed and will be protected by avoidance and enhancement of understory vegetation. On site vegetation that occurs in trail tread area will be transplanted on site and retained. All trail work will be done by hand with hand tools.

(D) *Trails shall be designed to avoid disturbance of habitat used for salmonid rearing or spawning or by any species of local importance;* Response: Setbacks for salmonid-bearing streams will not be affected by trail alignment.

(E) *The trail shall be the minimum width necessary to accommodate the intended function or objective;* Response: Four-foot-width has been established as a safe and convenient minimum width for walkers to pass face-to-face.

(F) *All work shall be consistent with the City of Bellevue's "Environmental Best Management Practices" and all applicable City of Bellevue codes and standards, now or as hereafter amended;* Response: All work will adhere to City of Bellevue BMP's as identified in the SWPPP submitted with this proposal.

(G) *The facility shall not significantly change or diminish overall aquatic area flow peaks, duration or volume or flood storage capacity, or hydroperiod;* Response: The soft-surface trail is identical in permeability to forest litter and therefore will not alter existing runoff or peak flows.

(H) *Where feasible and consistent with any accessibility requirements, any trail shall be constructed of pervious materials;* Response: As discussed above, the trail cannot be considered accessible grade and therefore will be surfaced with wood chips. Wood chips are pervious and will degrade as organic matter similar of naturally-occurring forest litter.

(I) *Crossings over and penetrations into wetlands and streams shall be generally perpendicular to the critical area, and shall be accomplished by bridging or other technique designed to minimize critical area disturbance considering the entire trail segment and function; and*

Response: The stream (Coal Creek is classified as type F see attached) will be crossed by a small Western Wood Structure Coal Creek style wooden foot bridge. Crossing will be perpendicular to the stream channel. This structure will be delivered and assembled with hand tools only. Project includes native plant restoration of area impacted.

(J) *Areas of new permanent disturbance and all areas of temporary disturbance shall be mitigated and/or restored pursuant to a mitigation and restoration plan meeting the requirements of LUC [20.25H.210](#).* Response: A restoration plan has been submitted with this Application. This plan and will have a of minimum of 5 years of restoration site maintenance and monitoring by city Forest Management Program to ensure success.

- *A summary of how the proposal meets each of the criteria contained in Land Use Code Section 20.25H.230 as required for applications proposing a modification through the use the Critical Areas Report process.*

Response: A Critical Areas Report was not required by the Land Use reviewer for this project due to the subtlety of the impacts for the hand-built trail compared to commercial or residential development.

**PART ELEVEN - FORMS  
RCW 197-11-960 ENVIRONMENTAL CHECKLIST**

**A. BACKGROUND**

**1. Name of proposed project, if applicable:**

Coal Creek Trail Addition Project

**2. Name of applicant:**

City of Bellevue Parks & Community Services

**3. Address and phone number of applicant and contact person:**

City of Bellevue Parks & Community Services  
16023 Ne 8<sup>th</sup> Street  
Bellevue, WA 98008

Contact: Chris Vandall  
425.452.7679

**4. Date checklist prepared:**

10/15/19

**5. Agency requesting checklist:**

City of Bellevue Development Services Department

**6. Proposed timing or schedule (including phasing, if applicable):**

The trail construction project will begin approximately 8 months after application for required permits and will be constructed by the Parks Department Well-Kept Crew (Kids Environmental Project Team) starting July 2019. The estimated duration of the project is 5 weeks.

**7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**

No

**8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.**

A Drainage Report addressing MR #s 1-5 was prepared by the Watershed Company in October 2019.

**9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.**

Does not apply.

**10. List any government approvals or permits that will be needed for your proposal, if known.**

JARP permit

**11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)**

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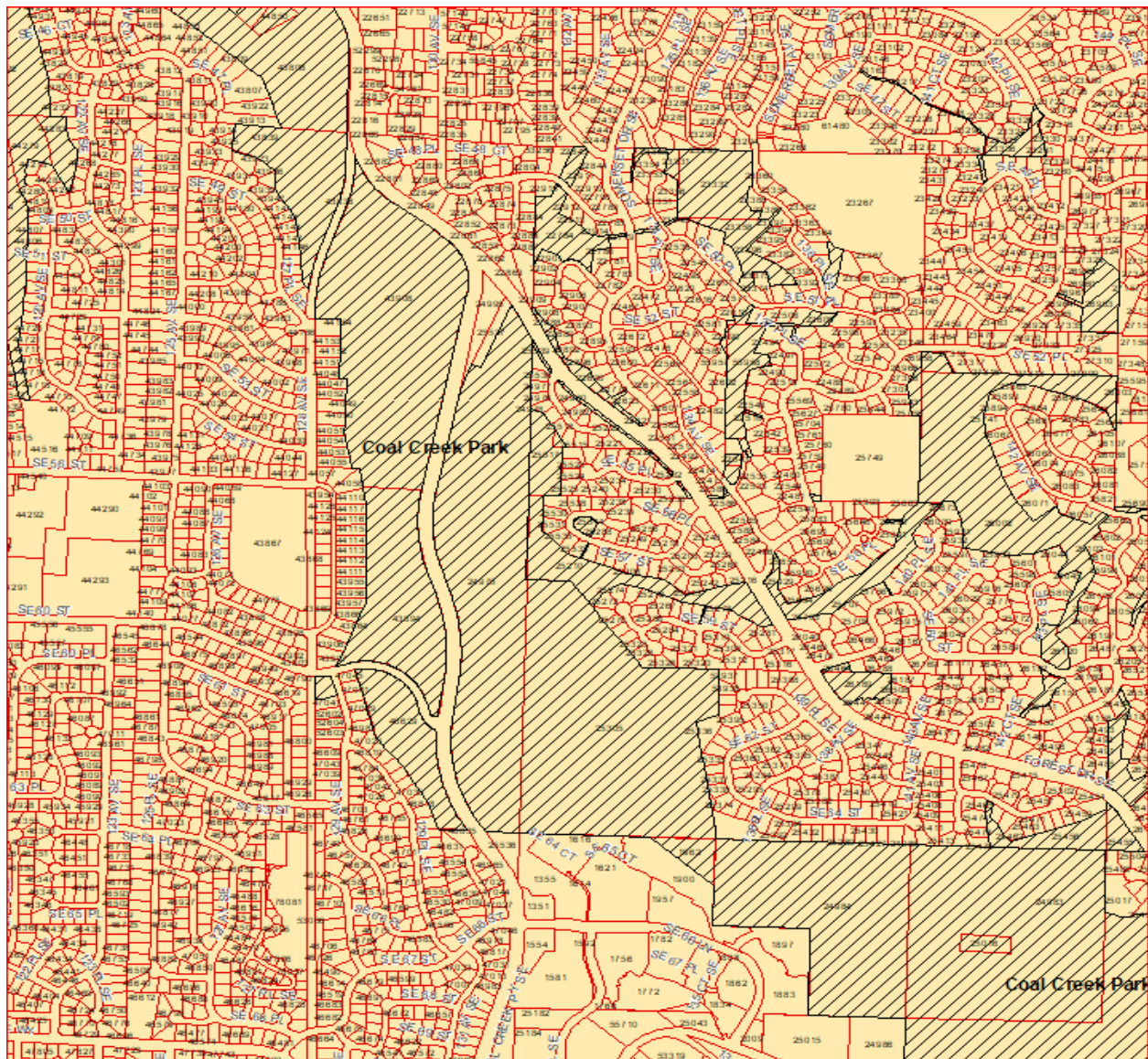
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**12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.**

The Coal Creek Trail Addition is located in Coal Creek Park. 5199 Forest Drive.in Bellevue, Washington on Tax Parcel No. 212405-9001. Legal Description: E 1/2 OF SE 1/4 LESS POR PLATTED NEWPORT HILLS #9 & #12 TGW E 1/2 OF NE 1/4 OF STR 21-24-05 LY SLY COAL CREEK NEWPORT RD LESS PLTD NEWPORT HILLS #5 & #9 TGW POR OF W 1/2 OF NE 1/4 LY NLY & ELY OF NEWPORT HILLS #13 LESS CO RDS LESS P/L R/W SUBJ TO TRANS LN ESMT LESS POR OF 100 FT WIDE PS P & L TRANS LN R/W IN E 1/2 OF NE 1/4 OF STR 21-24-05 DAF - WLY 65 FT OF NLY 495 FT AS MEAS ALG ELY BNDRY LY SLY OF COAL CREEK - NEWPORT RD TCO 17-1335 ALSO LESS POR OF NE 1/4 OF STR 21-24-05 LY ELY OF COAL CREEK LAKE BOREN RD & SLY OF COAL CREEK NEWPORT ROAD & WLY OF WLY MGN OF PS P & L R/W LESS POR DEEDED FOR RD UNDER REC #8510080906  
Coal Creek Park is comprised approximately 450 acres. Zoned R-1

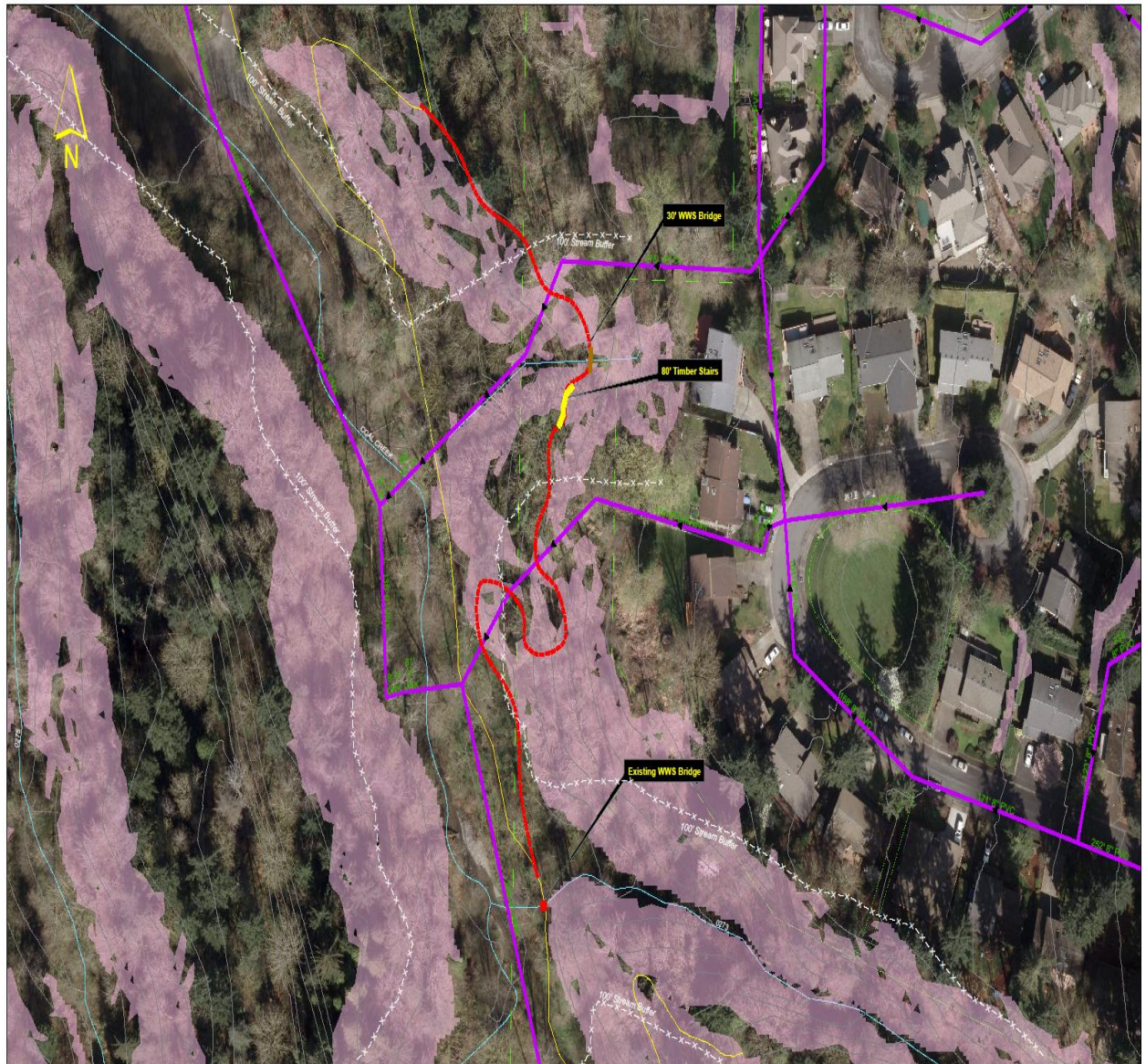
Figure 1. Vicinity Map



Coal Creek Park Vicinity  
5199 Forest Drive in Bellevue, Washington  
Figure 2. Site Plan - page 1



Figure 2. Site Plan



**City of Bellevue  
Parks & Community  
Services Department  
Plot Date: 10/1/2019  
Scale: 1 inch = 54 feet**

**Legend**

- Park Property Boundary
- Existing Trail
- Proposed Trail (840 ft)
- Bridge
- Timber Stairs
- Slopes over 40%
- Streams
- Sewer

### Coal Creek Trail Addition Project

E 1/2 OF SE 1/4 LESS POR PLATTED NEWPORT HILLS #9 & #12 TGV E 1/2 OF NE 1/4 OF STR 21-24-05 LY SLY COAL CREEK NEWPORT RD LESS PLTD NEWPORT HILLS #5 & #9 TGV POR OF W 1/2 OF NE 1/4 LY NLY & ELY OF NEWPORT HILLS #13 LESS CO RDS LESS P/L R/W SUBJ TO TRANS LN ESMT LESS POR OF 100 FT WIDE PS P & L TRANS LN R/W IN E 1/2 OF NE 1/4 OF STR 21-24-05 DAF - WLY 65 FT OF NLY 495 FT AS MEAS ALG ELY BNDRY LY SLY OF COAL CREEK - NEWPORT RD TCO 17-1335 ALSO LESS POR OF NE 1/4 OF STR 21-24-05 LY ELY OF COAL CREEK LAKE BOREN RD & SLY OF COAL CREEK NEWPORT ROAD & WLY OF WLY MGN OF PS P & L R/W LESS POR DEEDED FOR RD UNDER REC #9510080906

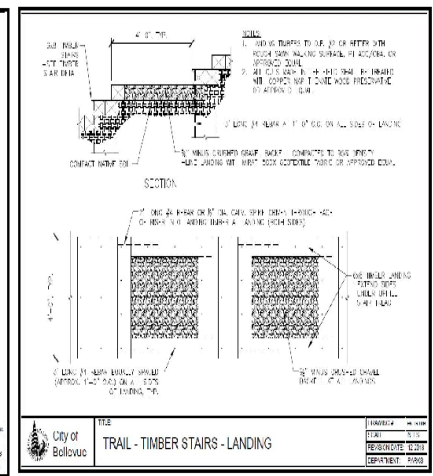
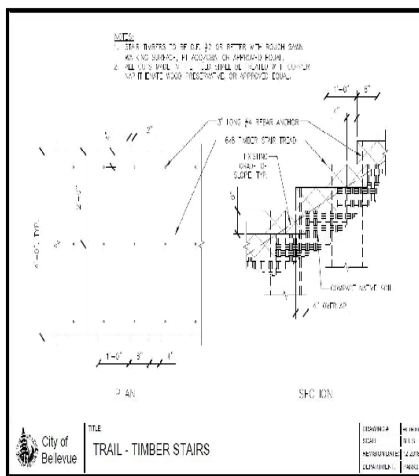
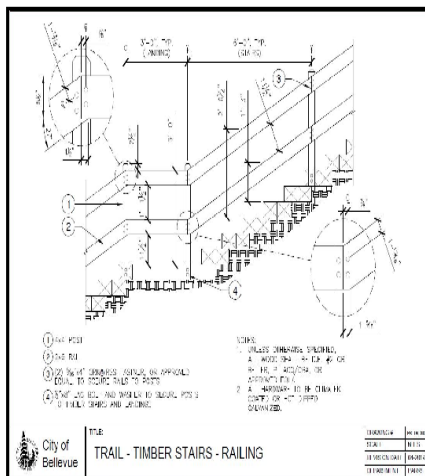
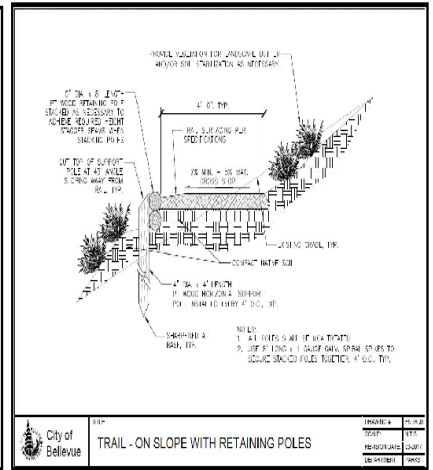
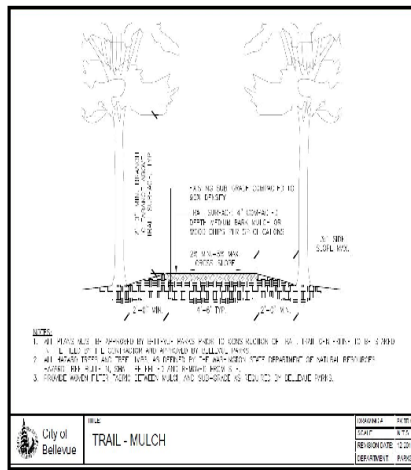
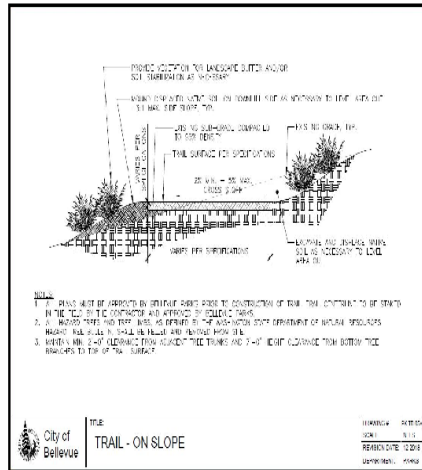
**Site Address: 5199 Forest Dr SE**



**Prepared by Chris Vandall  
16023 Ne 8th St  
Bellevue WA. 98008  
425 452-7679**



# Trail Building Spec Sheet



**City of Bellevue  
Parks & Community  
Services Department  
Plot Date: 10/1/2019  
Scale: 1 inch = 54 feet**

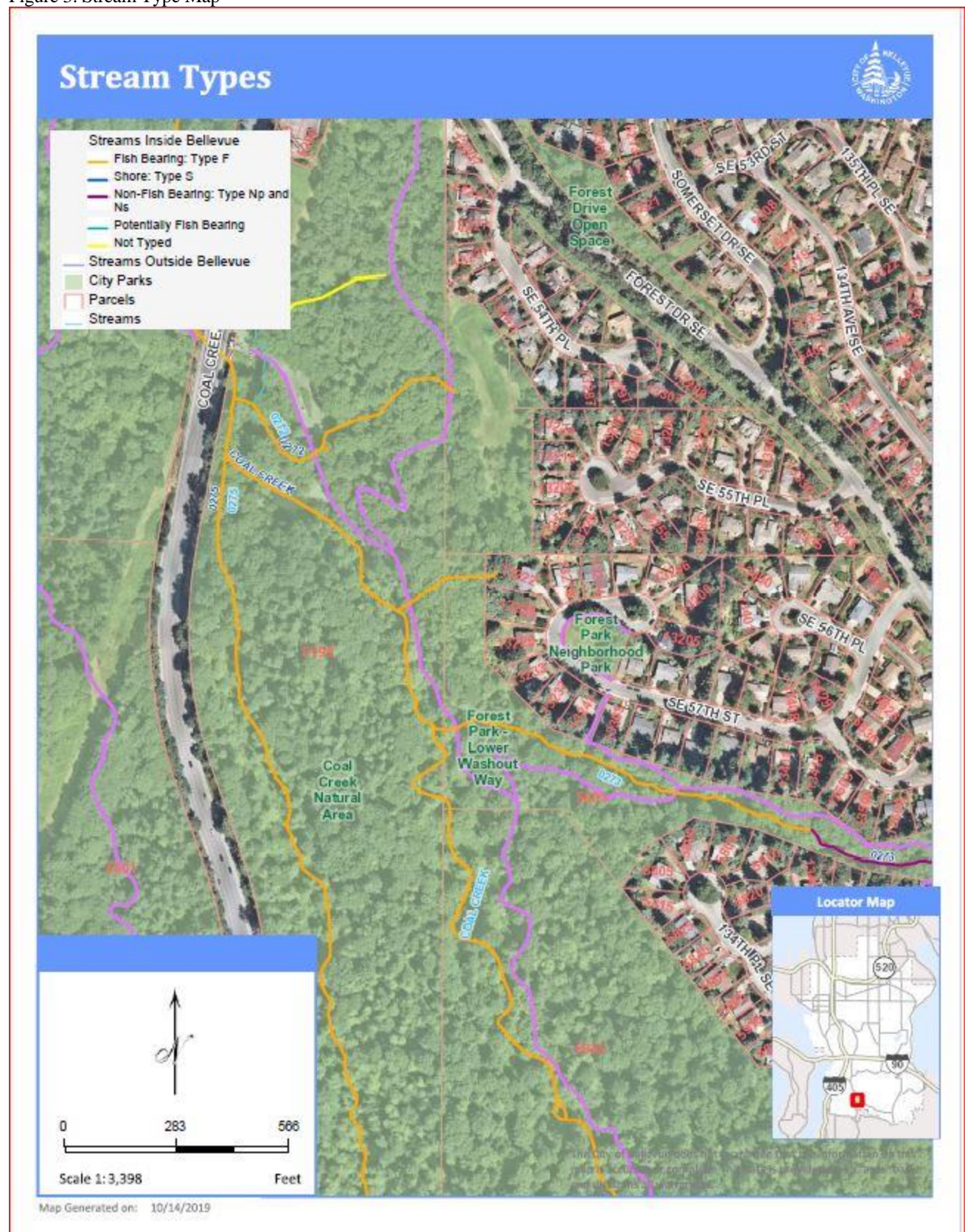
## Coal Creek Trail Addition Project Trail Construction Specifications

**Site Address: 5199 Forest Dr SE**

Prepared by Chris Vandall  
16023 Ne 8th St  
Bellevue WA. 98008  
425 452-7679



Figure 3. Stream Type Map





[illegible]

Prepared by Chris Vandall  
16023 Ne 8th St  
Bellevue WA. 98008  
425 452-7679

**B. ENVIRONMENTAL ELEMENTS****1. Earth**

**a. General description of the site (underscore one):** Flat, rolling, steep slopes, mountainous, other moderately sloped.

The subject site is mixed moderately sloped, descending from east to west; The actual project will typically be placed parallel to contours except for select areas of switchbacks (see Figure 2).

**b. What is the steepest slope on the site (approximate percent slope)?**

Steep slopes average 15% - 40%.

**c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal would result in removing any of these soils.**

According to the USDA Soil Survey, the site is mapped as AgD - Alderwood gravelly sandy loam, 8 to 15 percent slopes.

**d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.**

No indications of unstable soils were observed.

**e. Describe the purpose, type, total area, approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.**

No re-contouring is proposed. The proposed action will not require importing fill material.

**f. Could erosion occur because of clearing, construction, or use? If so, generally describe.**

Site soils may be exposed to risk of erosion resulting from foot traffic during trail construction if weather conditions are seasonally wet when the work occurs. These areas will be covered with medium fine bark by the end of each work day for the duration of the project. Crew will have an onsite CECSL overseeing the installation and functionality of specific TESC's outlined above for the duration of the project.

**g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**

None

**h. Proposed measures to reduce or control erosion, or other impacts to earth, if any:**

All clearing and grading construction would be in accordance with City of Bellevue Clearing & Grading Code (Chapter 23.76), permit conditions, and all other applicable codes, ordinances, and standards. To ensure that no impacts occur, the applicant proposes to use temporary erosion and sedimentation control measures such blankets/netting, and other TESC's placed in sensitive areas surrounding the work.

The work is expected to occur during the dry season. Exposed soils will be covered with medium fine bark mulch by the end of each work day for the duration of the project. In addition, bark mulch stock piles on site will be covered with jute mesh during construction as an extra precaution.

## 2. Air

**a. What types of emissions to the air would result from the proposal during construction, operation and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.**

Any air quality impacts from construction-related vehicle trips would be temporary. No power equipment will be used during the construction process. Only hand equipment will be used. After project completion, no further impacts to air would occur.

**b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.**

There are no off-site sources of emissions that will affect the project.

**c. Proposed measures to reduce or control emissions or other impacts to air, if any:**

Standard methods of reducing impacts to air would be utilized and include keeping disturbed soils covered as described above under 1h.

## 3. Water

### a. Surface:

**1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.**

Yes. Coal Creek – Flows into Lake Washington.

Standard methods of reducing impacts to stream would be utilized and include keeping disturbed soils covered as described above under 1h.

**2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**

Yes, there will be a small pedestrian foot bridge crossing over Coal Creek. Foot bridge placement will be perpendicular to the creek channel. This section of Coal Creek is classified as F. (see Figure 3).

**3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.**

None.

**4) Will the proposal require surface water withdrawals or diversions? Give general**

**description, purpose, and approximate quantities if known.**

No. The proposed demolition will not require surface water withdrawals or diversions.

**5) Does the proposal lie within a 100-year floodplain? If so, note location on site plan.**

No

**6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**

No intentional discharges of waste materials would occur during project construction.

**b. Ground:**

**1) Will ground water be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities to be withdrawn from the well. Will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.**

No. There will be no withdrawal of or discharge to ground water associated with this project.

**2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals . . .; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**

No waste material will be discharged into the ground from septic tanks or other sources.

**c. Water Runoff (including storm water):**

**1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.**

Runoff from the immediate project site is not expected except at natural, pre-project rates.

**2) Could waste materials enter ground or surface waters? If so, generally describe.**

All construction and installation will be done by hand. Therefore, no heavy equipment is required, and the chance of a fuel spill is not likely.

**3) Would the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.**

No. The proposal will not alter or otherwise affect drainage patterns in the site vicinity.

**d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:**

The erosion control measures described under question 1h and noted on the associated plans and CSWPPP will help control impacts to surface and runoff water. Best Management Practices (BMPs) issued by the City of Bellevue direct the contractor to take extreme care for the duration of the project to “ensure that no petroleum products,



hydraulic fluid, fresh cement, sediments, sediment-laden water, chemicals, or any other toxic or deleterious materials are allowed to enter or leach into adjacent waters.” In addition, all hand-held power equipment would be in good working order.

#### 4. Plants

##### a. Check or underscore the types of vegetation found on the site:

- X deciduous trees: alder, maple, black cottonwood
- X evergreen trees: fir, pine
- X shrubs: Himalayan blackberry, Pacific willow, red-osier dogwood, salmonberry, red elderberry, Bohemian knotweed
- Grass
- Pasture
- crop or grain
- orchards, vineyards or other permanent crops
- wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other: reed
- canarygrass, yellow pond-lily
- water plants: water lily, eelgrass, milfoil, other:
- other types of vegetation

##### b. What kind and amount of vegetation will be removed or altered?

Understory plants including Himalayan blackberry, small red alder trees, salmon berry will be disturbed/removed during trail construction.

##### c. List threatened, or endangered species known to be on or near the site.

No threatened or endangered plant species are known to be on or near this site.

##### d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

The following plants are to be added as part of forest management:

Area to be planted: Approximately 3206 square feet

Trees (50- -5 gallon 12x12 spacing)

25 Vine Maple

25 Western Red Cedar

Shrubs (1075 - 1 gallon 3x3 spacing)

325 Sword Fern

175 low Oregon Grape

125 Indian Plum

75 Red Elderberry

100 Snowberry

75 Hazelnut

50 Oceanspray

75 Evergreen Huckleberry

125 Salal

50 Willow Stakes

125 Salmonberry

50 Bulrush (plugs)

50 Slough Sedge (plugs)  
 25 Skunk Cabbage  
 75 Devils Club

Maintenance: Restoration site  
 will be added to our Forest Management maintenance inventory and will be watered  
 and maintained for a minimum of 3 years.

**e. List all noxious weeds and invasive species known to be on or near the site.**

Himalayan blackberry, English Laurel, English Holly

**5. Animals**

**a. Check or underscore any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include:**

- X    **birds:** hawk, crows, eagle, songbirds, other: blackbirds, chickadees, wrens,  
      finches, robins  
 X    **mammals:** coyote  
      **fish:** bass, salmon, trout

**b. List any threatened or endangered species known to be on or near the site.**

No endangered species are known to be on site.

**c. Is the site part of a migration route? If so, explain.**

Migrating birds may use the forested areas and especially snags as resting and foraging areas during spring and fall migrations.

**d. Proposed measures to preserve or enhance wildlife, if any:**

Reforestation will benefit all wildlife present (see 4d).

**e. List any invasive animal species known to be on or near the site.**

There are no invasive species of animals known to occur on or near the proposed site.

**6. Energy and Natural Resources**

**a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.**

Hand-held power equipment will be used for trail construction and planting; however, no energy will be necessary after the project is completed.

**b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.**

No.

**c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:**

No forms of energy are necessary for the completed project.

**7. Environmental Health**

**a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.**

Typical hazards related to hand tools are associated with construction of the proposed project.

**1) Describe any known or possible contamination at the site from present or past uses.**

See the response to SEPA Checklist Question B.7.a.1 above.

**2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.**

See the response to SEPA Checklist Question B.7.a.1. above. There are no known underground hazards on the site. See the response to SEPA Checklist Question B.16, below.

**3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during development or construction of the project, or at any time during the operating life of the project.**

No toxic or hazardous chemicals will be stored, used, or produced during the 8-week on-site portion of the project.

**4) Describe special emergency services that might be required.**

There is no anticipation of need for special emergency services.

**5) Proposed measures to reduce or control environmental health hazards, if any:**

Standard precautions would be taken to ensure the safety of the work crew. The construction manager would be contacted by a crew member immediately upon discovery of a spill. The construction manager would then ensure that the spill is cleaned up in the manner dictated by the chemical use instructions and would contact the appropriate authorities.

**b. Noise**

**1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?**

There is no noise in the area that would affect this project.

**2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.**

Sources of construction noise will include the operation of a hand-held landscape tools. Demolition noise will be of short duration (see the response to SEPA Checklist Question A.6, above).

**3) Proposed measures to reduce or control noise impacts, if any:**

Noise would be limited to daylight weekday hours. No other noise-control measures are necessary.

**8. Land and Shoreline Use****a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.**

Residences are located on the east boundary of the site. No adverse impacts from the site are anticipated.

**b. Has the site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?**

Does not apply.

**1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how?**

No.

**c. Describe any structures on the site.**

No structures are on the site

**d. Will any structures be demolished? If so, what?**

No structures will be demolished because of construction.

**e. What is the current zoning classification of the site?**

R-5

**f. What is the current comprehensive plan designation of the site?**

Park/Recreation

**g. If applicable, what is the current shoreline master program designation of the site?**

Not applicable.

**h. Has any part of the site been classified as a critical area by the city or county? If so, specify.**

The site contains protected steep slopes.

**i. Approximately how many people would reside or work in the completed project?**

No person will reside or work in the completed project.

**j. Approximately how many people would the completed project displace?**

No person will be displaced because of this project.

**k. Proposed measures to avoid or reduce displacement impacts, if any:**

Does not apply

**l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:**

Proposed demolition and site stabilization activities will be conducted in accordance with City of Bellevue Development Code and Standards and all other applicable codes, ordinances, standards, and policies.

**m. Proposed measures to ensure that the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:**

See the response to SEPA Checklist Questions B.8.b and B.8.b.1, above.

**9. Housing****a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.**

No housing units will be provided.

**b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

No housing units will be eliminated.

**c. Proposed measures to reduce or control housing impacts, if any:**

Since there will be no adverse impacts to housing, no measures are proposed to reduce or control such impacts.

**10. Aesthetics****a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

No structures are proposed with the project.

**b. What views in the immediate vicinity would be altered or obstructed?**

No view obstruction will be created by the proposed action.

**c. Proposed measures to reduce or control aesthetic impacts, if any:**

None anticipated.

**11. Light and Glare**

**a. What type of light or glare will the proposal produce? What time of day would it mainly occur?**

No light or glare will be produced by the proposed project.

**b. Could light or glare from the finished project be a safety hazard or interfere with views?**

No.

**c. What existing off-site sources of light or glare may affect your proposal?**

None.

**d. Proposed measures to reduce or control light and glare impacts, if any:**

No measures are necessary.

**12. Recreation**

**a. What designated and informal recreational opportunities are in the immediate vicinity?**

Ardmore Park has trail walking on the established nature trail system, and a developed playground located on the North boundary of the park. The addition of this trail connection will only enhance the user experience of Ardmore Park.

**b. Would the proposed project displace any existing recreational uses? If so, describe.**

No. The proposed project will enhance passive recreational use within the area.

**c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**

No measures are necessary.

**13. Historic and Cultural Preservation**

**a. Are there any buildings, structures, or sites located on or near the subject property that are more than 45 years old, listed on or eligible for listing on national, state, or local preservation registers? If so, specifically describe.**

No places or objects of this type are known to exist in the immediate vicinity.

**b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any objects of material evidence, artifacts, or areas of cultural importance on or near the site?**



**Please list any professional studies conducted at the site to identify such resources.**

There is no known evidence of historic or cultural importance on the project site.

**c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the Department of Archaeology and Historic Preservation, archaeological surveys, historic maps, GIS data, etc.**

Should historic, archeological, scientific or cultural significant items be encountered during implementation of this project, work would be temporarily stopped while the appropriate agencies are notified.

**d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.**

In the event of an inadvertent discovery of cultural artifacts during the shallow ground-disturbing activity that will occur with the proposed demolition project, the appropriate authorities would be notified immediately, and the artifacts would be inspected by a qualified professional.

#### **14. Transportation**

**a. Identify public streets and highways serving the site or the affected geographic area, and describe proposed access to the existing street system. Show on site plans, if any.**

This trail addition will not provide new access to the existing street system.

**b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?**

The nearest King County Metro transit stop is located at the corner of Forest Drive and Coal Creek Pkwy Se.

**c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?**

This project will neither create nor eliminate parking spaces.

**d. Will the proposal require any new improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).**

This project will not affect public roads in any way.

**e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

Water, rail, or air transportation would not be utilized by the completed project.

**f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur, and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?**

None.

**g. Will the proposal interfere with, affect or be affected by the movement of agricultural or forest products on roads or streets in the area? If so, generally describe.**

None.

**h. Proposed measures to reduce or control transportation impacts, if any:**

Contract specifications will limit trail construction work on the site to the hours between 8:00 AM and 3:00 PM which will, for the most part, be off-peak in relation to traffic on the adjacent road system.

#### **15. Public Services**

**a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.**

No increase in public service needs will result from this project.

**b. Proposed measures to reduce or control direct impacts on public services, if any.**

None.

#### **16. Utilities**

**a. Underscore utilities currently available at the site: electricity, natural gas, water, refuse collection service, telephone, sanitary sewer, septic system, other:**

**b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

No new utilities are proposed as part of the project.

#### **C. SIGNATURE**

**The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.**

TO BE COMPLETED BY APPLICANT

FOR AGENCY USE ONLY

**Signature:** \_\_\_\_\_

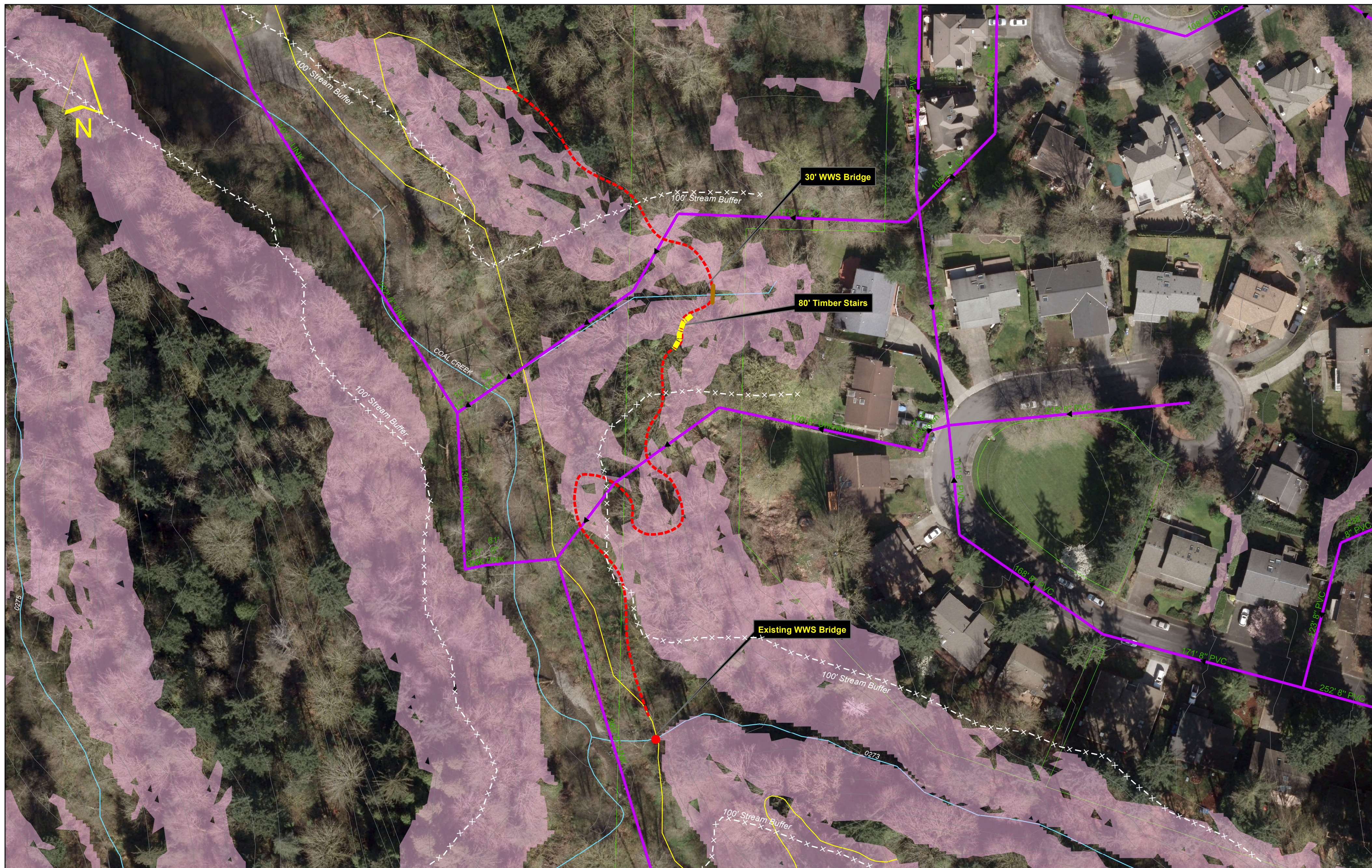
**Date Submitted:** \_\_\_\_\_



## References

- U.S. Department of Agriculture (USDA). October 2014. Official Soil Series Descriptions – Alderwood Series. [https://soilseries.sc.egov.usda.gov/OSD\\_Docs/A/Alderwood.html](https://soilseries.sc.egov.usda.gov/OSD_Docs/A/Alderwood.html). Website accessed October 21, 2014.
- U.S. Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). October 2014. *Web Soil Survey*. <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Website accessed October 21, 2014.





**City of Bellevue  
Parks & Community  
Services Department  
Plot Date: 10/1/2019  
Scale: 1 inch = 54 feet**

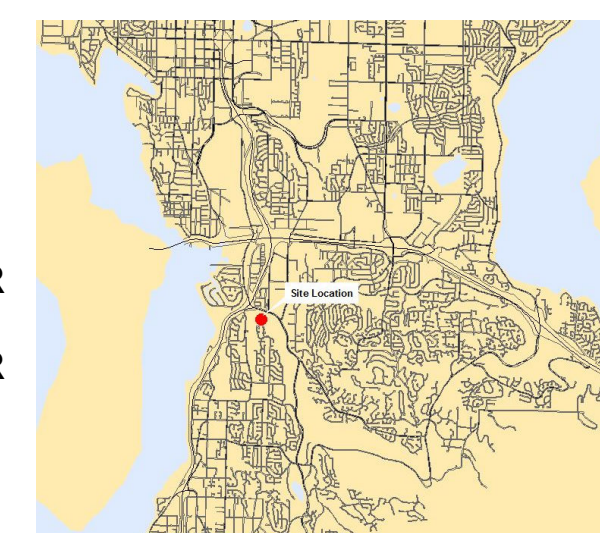
### Legend

- Park Property Boundary
- Existing Trail
- - - Proposed Trail (840 ft)
- Bridge
- - - - - Timber Stairs
- Slopes over 40%
- Streams
- Sewer

### Coal Creek Trail Addition Project

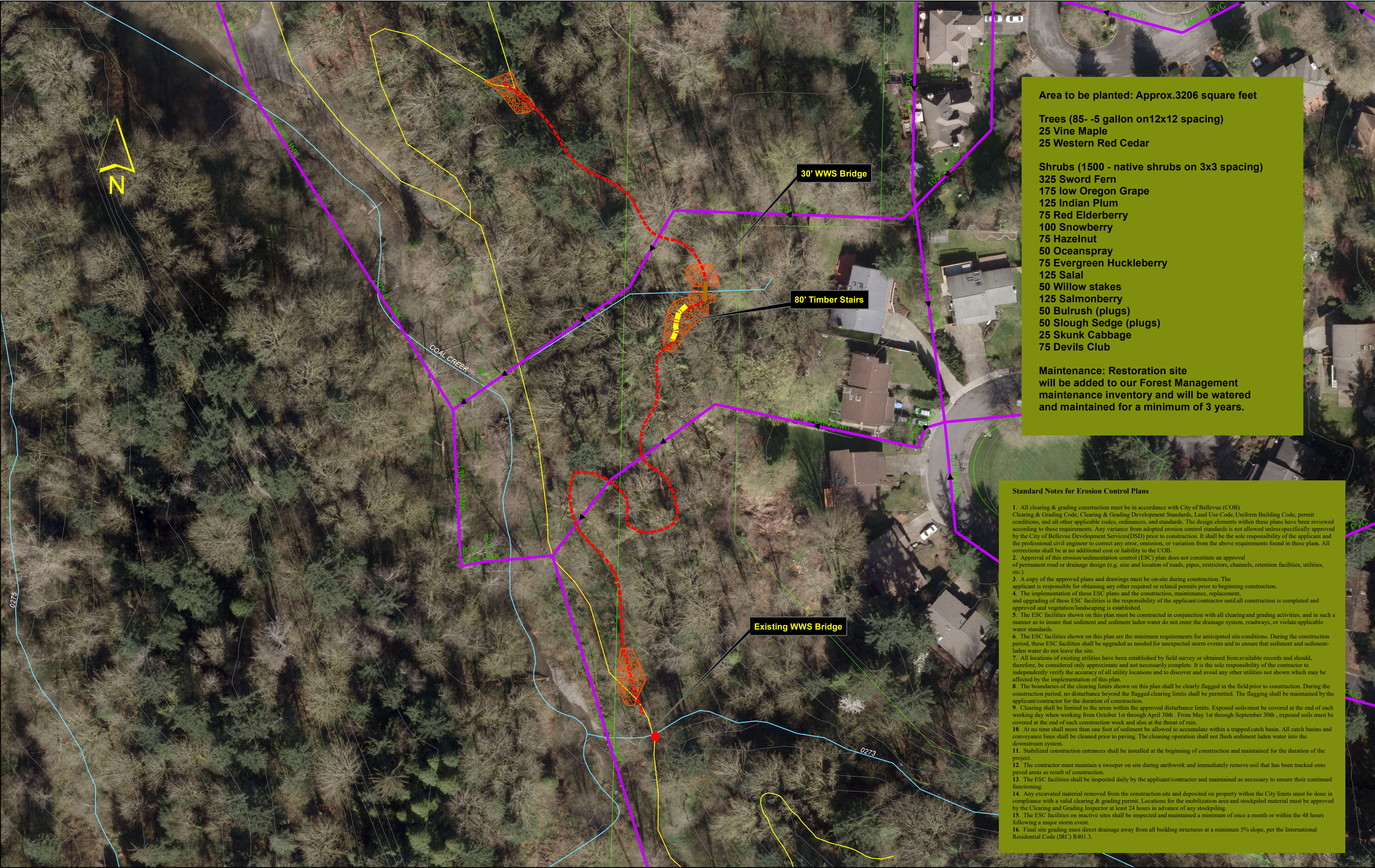
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**Site Address: 5199 Forest Dr SE**



**Prepared by Chris Vandall  
16023 Ne 8th St  
Bellevue WA. 98008  
425 452-7679**

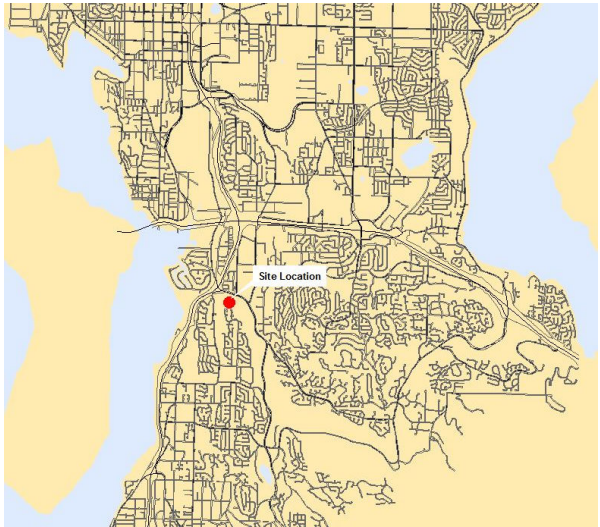




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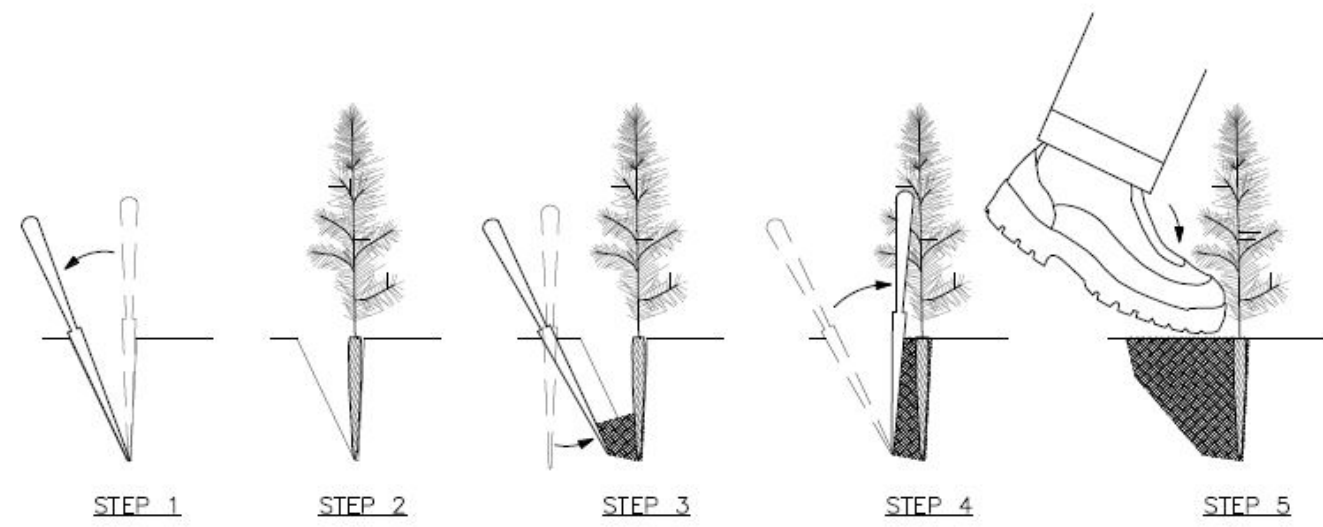
- Legend**
- Park Property Boundary
  - Existing Trail
  - - - Proposed Trail (840 ft)
  - Bridge
  - Timber Stairs
  - Streams
  - Restoration Areas
  - Sewer

**Coal Creek Trail Addition Project**  
E 1/2 OF SE 1/4 LESS POR PLATTED NEWPORT HILLS #9 & #12 TGW E 1/2 OF NE 1/4 OF STR 21-24-05 LY SLY COAL CREEK NEWPORT RD LESS PLTD NEWPORT HILLS #5 & #9 TGW POR OF W 1/2 OF NE 1/4 LY NLY & ELY OF NEWPORT HILLS #13 LESS CO RDS LESS P/L R/W SUBJ TO TRANS LN ESMT LESS POR OF 100 FT WIDE PS P & L TRANS LN R/W IN E 1/2 OF NE 1/4 OF STR 21-24-05 DAF - WLY 65 FT OF NLY 495 FT AS MEAS ALG ELY BNDRY LY SLY OF COAL CREEK - NEWPORT RD TCO 17-1335 ALSO LESS POR OF NE 1/4 OF STR 21-24-05 LY ELY OF COAL CREEK LAKE BOREN RD & SLY OF COAL CREEK NEWPORT ROAD & WLY OF WLY MGN OF PS P & L R/W LESS POR DEEDED FOR RD UNDER REC #8510080906  
**Site Address: 5199 Forest Dr SE**



**Prepared by Chris Vandall**  
**16023 Ne 8th St**  
**Bellevue WA. 98008**  
**425 452-7679**





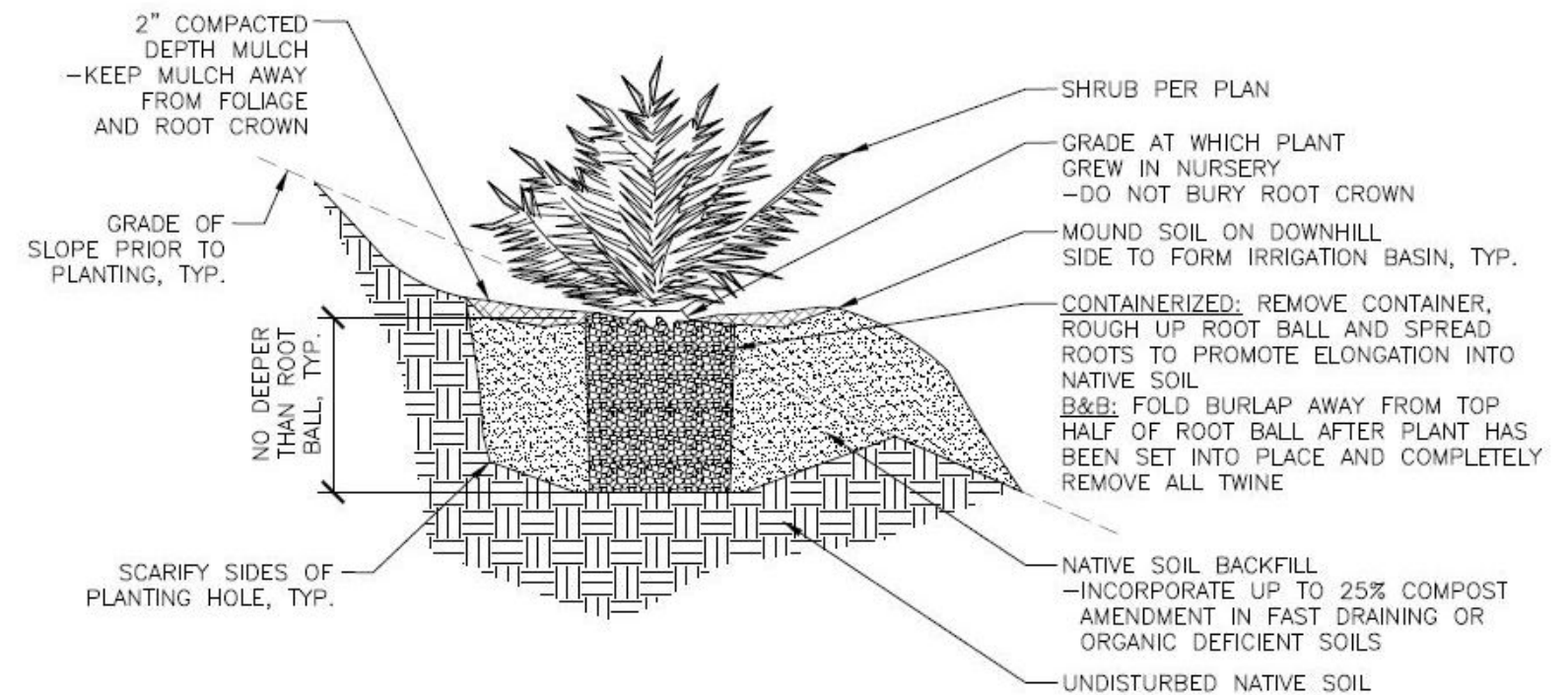
**PLANTING SEQUENCE:**

STEP	DESCRIPTION
1	PERPENDICULAR TO THE GROUND, INSERT DIGGING TOOL INTO THE SOIL AND PULL BACK TO CREATE A "V" SHAPED PLANTING HOLE.
2	PLACE SEEDLING INSIDE PLANTING HOLE AT THE SAME DEPTH THAT THE SEEDLING GREW AT THE NURSERY. TAKE CARE NOT TO BURY THE ROOT COLLAR.
3	INSERT DIGGING TOOL INTO SOIL APPROX. 6 INCHES BEHIND OPENING AND PULL HANDLE BACK TO CLOSE UP THE BOTTOM OF THE HOLE FIRMLY AROUND THE BOTTOM ROOTS.
4	PUSH THE DIGGING TOOL FORWARD TO CLOSE UP THE TOP OF THE PLANTING HOLE FIRMLY AROUND THE REMAINING ROOTS.
5	USE FOOT TO FIRMLY HEAL IN THE SOIL AROUND THE SEEDLING ROOT COLLAR.



TITLE:  
**PLANTING - TREE - CONIFER SEEDLING**

DRAWING #: PK-IM-03C  
SCALE: N.T.S.  
REVISION DATE: 08-2018  
DEPARTMENT: PARKS

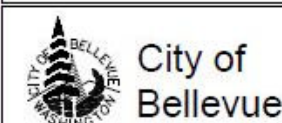
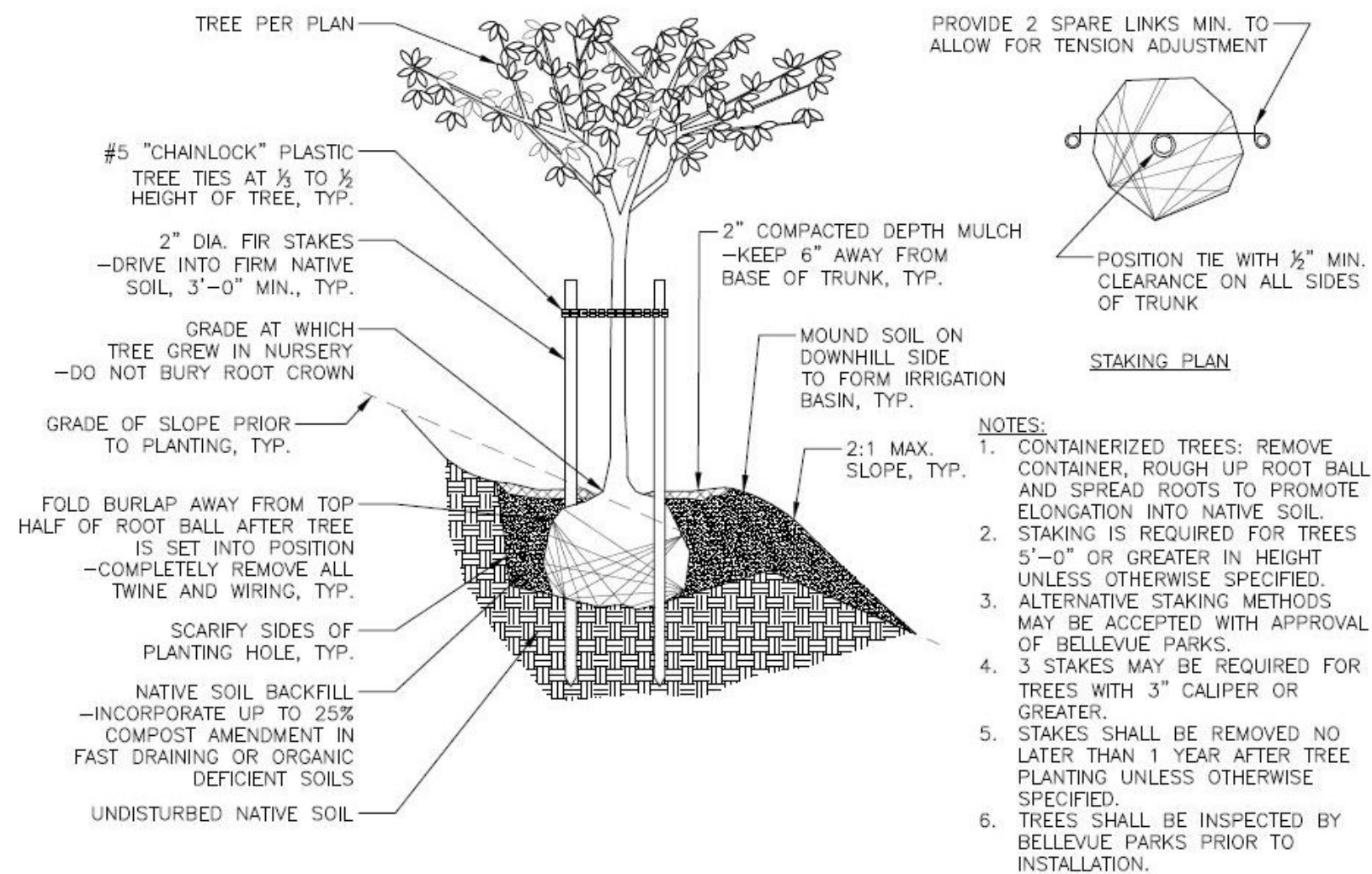


NOTE: PLANT MATERIAL SHALL BE INSPECTED AND APPROVED BY BELLEVUE PARKS PRIOR TO INSTALLATION.



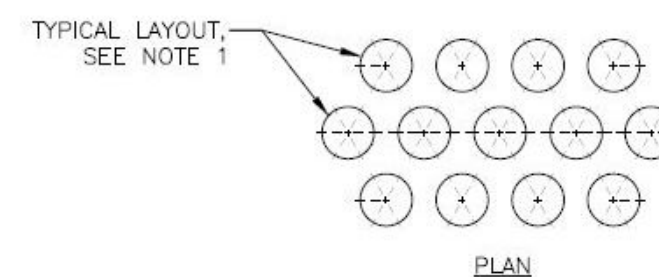
TITLE:  
**PLANTING - SHRUB - ON SLOPE**

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SCALE: N.T.S.  
REVISION DATE: 08-2018  
DEPARTMENT: PARKS

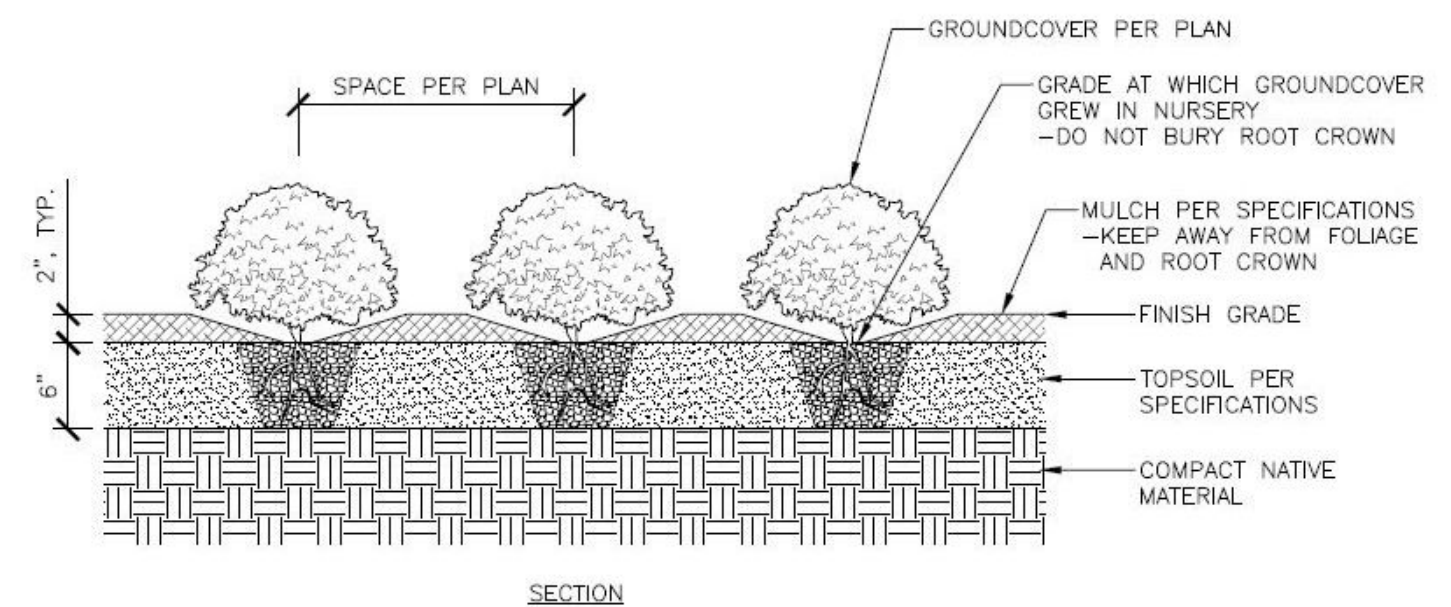


TITLE:  
**PLANTING - TREE - ON SLOPE**

DRAWING #: PK-IM-03B  
SCALE: N.T.S.  
REVISION DATE: 08-2018  
DEPARTMENT: PARKS



- NOTES:
1. GROUNDCOVER SHALL BE PLANTED AT EQUAL TRIANGULAR SPACING OR AS SPECIFIED ON PLAN.
  2. LOCATE GROUNDCOVER ONE HALF OF SPECIFIED SPACING DISTANCE FROM ANY CURB OR HARD SURFACE.
  3. PLANT MATERIAL SHALL BE INSPECTED AND APPROVED BY BELLEVUE PARKS PRIOR TO INSTALLATION.



TITLE:  
**PLANTING - GROUNDCOVER**

DRAWING #: PK-IM-04  
SCALE: N.T.S.  
REVISION DATE: 08-2018  
DEPARTMENT: PARKS

City of Bellevue  
Parks & Community  
Services Department  
Plot Date: 10/1/2019

Scale: 1 inch = 54 feet

## Coal Creek Trail Addition Project Planting Specifications

Site Address: 5199 Forest Dr SE

Prepared by Chris Vandall  
16023 Ne 8th St  
Bellevue WA. 98008  
425 452-7679